PATENT ABSTRACTS OF JAPAN

(11)Publication number:

02-050130

(43)Date of publication of application: 20.02.1990

(51)Int.CI.

G02F 1/136 G02F 1/13 G06F 3/147 G09F 9/40

(21)Application number: 63-199808

(71)Applicant:

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(22)Date of filing:

12.08.1988

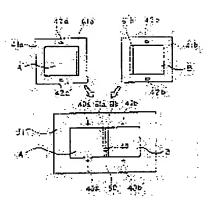
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(54) LIQUID CRYSTAL DISPLAY AND ITS MANUFACTURE

(57)Abstract:

PURPOSE: To eliminate the influence of a relative, uniform, and extremely small position shift of a picture element array at the periphery of a connection part resulting from divisional exposure and to improve the picture quality of the whole screen by dividing the screen into plural areas and forming picture element patterns, and dispersing statistically arrays of respective picture elements at the peripheral parts of connections between the divided areas. CONSTITUTION: The picture element arrays in the connection areas 61a' and 61b' on masks 41a and 41b corresponding to connection areas 61a and 61b at the periphery of the connection part 50 between divided areas A and B of a liquid crystal substrate 31 are formed shifting statistically from a reference grating. Therefore, the long-time continuous generation of the uniform and extremely small position shift of a picture element array due to the divisional exposure is eliminated and the peak of the frequency of the quantity of position shifting of the picture element array at the periphery of the connection part 50 from the reference grating is distributed continuously. The connection part becomes inconspicuous and the picture quality of the whole screen is improved.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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